

**BEST AVAILABLE COPY****POLYESTER RESIN PELLET AND ITS PRODUCTION, POLYESTER MOLDED PRODUCT USING THE SAME**

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**Abstract of JP11005892**

**PROBLEM TO BE SOLVED:** To obtain the subject pellet capable of reducing the by-production of cyclic oligomers on its melt-molding without inhibiting a solid phase polymerization reaction by covering the surface layer of the specific polyester resin pellet with a specific phosphorus compound.

**SOLUTION:** This polyester resin pellet is obtained by covering (A) a part or all parts of polyethylene terephthalate pellet or a polyester resin pellet consisting mainly of the polyethylene terephthalate preferably produced by the melt-polycondensation of terephthalic acid component and ethylene glycol component as main components and having an intrinsic viscosity of 0.5-1.5 with (B) <=1 wt.% of a phosphorus compound containing a phosphorus atom having an oxidation number or V and comprising one kind of phosphoric acid selected from orthophosphoric acid, metaphosphoric acid, polymetaphosphoric acid of the formula:  $(HPO_3)_m$  [(m) is >=3] and polyphosphoric acid of the formula:  $H_{n+2} P_n O_{3n+1}$  [(n) is >=2] or its salt or ester. A method for covering the component A with the component B includes a method comprising spraying the powder of the component B on the component A.

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